

CLAIMS:

1. A film comprising at least one layer made from a polymer composition, wherein the composition comprises:
 - (A) from 35 to 65 percent by weight of the composition of an ethylene polymer having a density of greater than or equal to about 0.94 g/cm^3 , a melt index from 0.001 to 1 grams/10 minutes, and
 - (B) from 35 to 65 percent by weight of the composition of an ethylene polymer having a density greater than or equal to about 0.94 g/cm^3 , a melt index from 50 to 700 grams/10 minutes.
2. The film of claim 1, wherein (A) comprises at least one homogeneously branched interpolymer having a molecular weight distribution (M_w / M_n) from 1.5 to 3.
3. The film of claim 1, wherein the film layer has a water vapor transmission rate, WVTR, of less than or equal to about $0.3 \text{ g-mil}/(100 \text{ in}^2 \times \text{day})$, as measured in accordance with ASTM F 1249-90.
4. The film of claim 1 wherein (A) and (B) are each an ethylene homopolymer.
5. An ethylene homopolymer or interpolymer composition having a percentage fraction of a GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light scattering detector is at least 2.5 percent but no more than about 20 percent of the total area of the GPC-LS chromatogram.
6. An ethylene homopolymer or interpolymer composition having a percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is no more than about 25 percent but at least about 10 percent of the total area of the GPC-RI chromatogram.
7. The ethylene composition of claim 5 wherein the percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is no

- more than about 25 percent but at least about 10 percent of the total area of the GPC-RI chromatogram.
8. The ethylene composition of Claim 7 wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as
5 determined by gel permeation chromatography with a low angle laser light scattering detector is equal to or less than about 15 percent of the total area of the GPC-LS chromatogram, and wherein the percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel
10 permeation chromatography with a differential refractometer is equal to or greater than about 15 percent of the total area of the GPC-RI chromatogram.
9. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as
determined by gel permeation chromatography with a low angle laser light scattering
15 detector is equal to or less than about 10 percent of the total area of the GPC-LS chromatogram, and wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel
permeation chromatography with a differential refractometer is equal to or greater than
about 20 percent of the total area of the GPC-RI chromatogram.
10. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-RI
20 chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 15 percent of the total area of the GPC-RI chromatogram.
11. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-RI
chromatogram which has a molecular weight equal to or less than about 10,000 as
25 determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 20 percent of the total area of the GPC-RI chromatogram.
12. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as
determined by gel permeation chromatography with a low angle laser light scattering

detector is equal to or less than about 15 percent of the total area of the GPC-LS chromatogram.

13. The ethylene composition of claim 8, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as
5 determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 20 percent of the total area of the GPC-RI chromatogram.
14. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as
10 determined by gel permeation chromatography with a low angle laser light scattering detector is equal to or less than about 10 percent of the total area of the GPC-LS chromatogram.
15. The ethylene composition of claim 14, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as
15 determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 15 percent of the total area of the GPC-RI chromatogram.
16. A film comprising at least one layer made from the polymer composition of any one of the preceding claims.